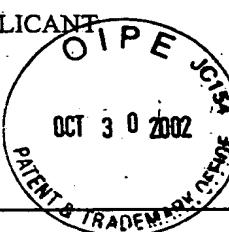


FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office					Attorney Docket Number RA9-99-0110/4269-83		Serial No. 09/430,501
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					Applicant: Hwang, et al.		
 OCT 30 2002					Filing Date : October 29, 1999	RECEIVED	Group 2731
U. S. PATENT DOCUMENTS					Technology Center 2600		
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	5,835,538	11/10/98	Townshend	375	295	
	2	5,831,561	11/3/98	Cai et al.	341	106	
	3	5,809,075	9/15/98	Townshend	375	254	
	4	5,801,695	9/1/98	Townshend	375	340	
	5	5,793,809	8/11/98	Holmquist	375	242	
	6	5,784,405	7/21/98	Betts et al.	375	222	
	7	5,778,024	7/7/98	McDonough	375	216	
	8	5,768,311	6/16/98	Betts et al.	375	222	
	9	5,761,247	6/2/98	Betts et al.	375	316	
	10	5,757,849	5/26/98	Gelblum et al.	375	222	
	11	5,754,594	5/19/98	Betts et al.	375	285	
	12	5,729,226	3/17/98	Betts et al.	341	94	
	13	5,598,401	1/28/97	Blackwell et al.	379	94	
	14	5,546,395	8/13/96	Sharma et al.	370	84	
	15	5,534,913	7/9/96	Majeti et al.	348	7	
	16	5,528,679	6/18/96	Taarud	379	34	
	17	5,528,625	6/18/96	Ayanoglu et al.	375	222	
	18	5,406,583	4/11/95	Dagdeviren	375	5	
	19	5,394,437	2/28/95	Ayanoglu et al.	375	222	
	20	5,394,110	2/28/95	Mizoguchi	329	304	
	21	5,291,479	3/1/94	Vaziri et al.	370	58.2	
	22	5,253,291	10/12/93	Naseer et al.	379	406	
	23	5,210,755	5/11/93	Nagler et al.	370	108	
	24	5,157,690	10/20/92	Buttle	375	14	
	25	5,134,611	7/28/92	Steinka et al.	370	79	
	26	5,119,403	6/2/92	Krishnan	375	39	
	27	5,119,401	6/2/92	Tsujimoto	375	14	
	28	5,067,125	11/19/91	Tsuchida	370	79	
	29	5,052,000	9/24/91	Wang et al.	371	43	
	30	5,040,190	8/13/91	Smith et al.	375	4	
	31	5,033,062	7/16/91	Morrow et al.	375	7	
	32	5,014,299	5/7/91	Klupt et al.	379	98	
	33	4,995,030	2/19/91	Helf	370	32.1	
	34	4,985,902	1/15/91	Gurcan	375	14	
	35	4,972,360	11/20/90	Cuckier et al.	364	724.04	
	36	4,901,333	2/13/90	Hodgkiss	375	98	
	37	4,890,303	12/26/89	Bader	375	107	
	38	4,884,285	11/28/89	Heynen et al.	375	25	
	39	4,868,863	9/19/89	Hartley et al.	379	98	
	40	4,797,898	1/10/89	Martinez	375	7	

EXAMINER
*EXAMINER

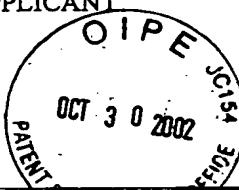
DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket Number
RA9-99-0110/4269-83Serial No.
09/430,501

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)



Applicant: Hwang, et al.

RECEIVED

Filing Date :
October 29, 1999Group
2731

OCT 31 2002

41	4,760,598	7/26/88	DEM	Reverill	380	Technology Center 2600
42	4,720,861	1/19/88		Bertrand	381	36
43	4,578,796	3/25/86		Charalambous et al.	375	8
44	4,577,310	3/18/86		Korsky et al.	370	58
45	4,450,556	5/22/84		Boleda et al.	370	58
46	4,434,322	2/28/84		Ferrell	178	22.13
47	4,270,027	5/26/81		Agrawal et al.	179	81R
48	4,237,552	12/2/80		Aikoh et al.	370	83
49	4,132,242	1/2/79		Carroll, Jr.	137	263
50	4,112,427	9/5/78		Hofer et al.	340	347
51	3,729,717	4/24/73		de Koe et al.	340	172.5
52	3,683,120	8/8/72		Schenkel	179	15A
53	3,557,308	1/19/71		Alexander et al.	178	69.5
54	5,918,204	6/29/99		Tsurumaru	704	214
55	5,914,982	6/22/99		Bjarnason et al.	375	222
56	5,911,115	6/8/99		Nair et al.	455	63
57	5,887,027	3/23/99		Cohen et al.	375	222
58	5,881,102	3/9/99		Samson	375	222
59	5,881,066	3/9/99		Lepitre	371	20.5
60	5,872,817	2/16/99		Wei	375	341
61	5,870,429	2/9/9		Moran, III et al.	375	222
62	5,862,184	1/19/99		Goldstein et al.	375	295
63	5,862,179	1/19/99		Goldstein et al.	375	242
64	5,862,141	1/19/99		Trotter	370	468
65	5,850,421	12/15/98		Misra et al.	375	354
66	5,850,388	12/15/98		Anderson et al.	370	252
67	5,844,940	12/1/98		Goodson et al.	375	222
68	5,838,724	11/17/98		Cole et al.	375	222
69	5,835,532	11/10/98		Stolle et al.	375	233
70	5,825,823	10/20/98		Goldstein et al.	375	286
71	5,825,816	10/20/98		Cole et al.	375	222
72	5,822,371	10/13/98		Goldstein et al.	375	242
73	5,815,534	9/29/98		Glass	375	326
74	5,812,537	9/22/98		Betts et al.	370	286
75	5,805,669	9/8/98		Bingel et al.	379	28
76	5,784,415	7/21/98		Chevillat et al.	375	341
77	5,757,865	5/26/98		Kaku et al.	375	344
78	5,734,663	3/31/98		Eggenberger	371	39.1
79	5,726,765	3/10/98		Yoshida et al.	358	412
80	5,724,393	3/3/98		Dagdeviren	375	296
81	5,710,792	1/20/98		Fukawa et al.	375	229
82	5,694,420	12/2/97		Ohki et al.	375	222
83	5,671,250	9/23/97		Bremer et al.	375	222
84	5,646,958	7/8/97		Tsujimoto	375	233
85	5,634,022	5/27/97		Crouse et al.	395	704
86	5,625,643	4/29/97		Kaku et al.	375	222

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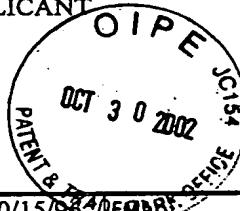
DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket Number
RA9-99-0110/4269-83Serial No.
09/430,501

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)



Applicant: Hwang, et al.

RECEIVEDFiling Date :
October 29, 1999OCT 31 2002
Technology Center 2600Group
2731

87	5,566,211	10/15/98	375	332		
88	5,563,908	10/8/96	375	222		
89	5,533,048	7/2/96	375	222		
90	5,519,703	5/21/96	370	84		
91	5,513,216	4/30/96	375	233		
92	5,475,711	12/12/95	375	240		
93	5,434,884	7/18/95	375	235		
94	5,432,794	7/11/95	371	5.5		
95	5,418,842	5/23/95	379	98		
96	5,402,445	3/28/95	375	229		
97	5,398,303	3/14/95	395	51		
98	5,386,438	1/31/95	375	121		
99	5,351,134	9/27/94	358	435		
100	5,285,474	2/8/94	375	13		
101	5,265,151	11/23/93	379	97		
102	5,253,272	10/12/93	375	60		
103	5,225,997	7/6/93	364	550		
104	5,142,552	8/25/92	375	14		
105	5,111,481	5/5/92	375	14		
106	5,107,520	4/21/92	375	60		
107	5,065,410	11/21/91	375	98		
108	5,007,047	4/9/91	370	32.1		
109	5,005,144	4/2/91	364	565		
110	4,991,169	2/5/91	370	77		
111	4,953,210	8/28/90	380	48		
112	4,943,980	7/24/90	375	42		
113	4,894,847	1/16/90	375	121		
114	4,890,316	12/26/89	379	98		
115	4,833,706	5/23/89	379	98		
116	4,756,007	7/5/88	375	37		
117	4,731,816	3/15/88	379	98		
118	4,208,630	6/17/80	375	7		
119	3,622,877	11/23/71	324	73 R		
120	5,839,053	11/17/98	455	13.1		
121	5,068,875	11/26/91	375	78		
122	5,058,134	10/15/91	375	39		
123	5,038,365	8/6/91	375	8		
124	4,967,413	10/30/90	371	37.4		
125	5,311,578	5/10/94	379	97		
126	5,317,594	5/31/94	375	8		
127	5,926,506	7/20/99	375	222		
128	5,491,720	2/13/96	375	222		
129	5,353,280	10/4/94	370	32.1		
130	5,852,631	12/22/98	375	222		
131	5,732,104	3/24/98	375	222		
132	5,796,808	8/18/98	379	93.31		

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

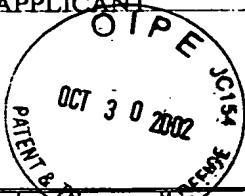
FORM PTO-1449 U.S. Department of Commerce
 Patent and Trademark Office

 Attorney Docket Number
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 Serial No.
 09/430,501

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)


 Applicant: Hwang, et al. **RECEIVED**

 Filing Date : **OCT 31 2002** Group
 October 29, 1999 **Technology Center 2600** 2731

133	5,751,796	5/17/94 APR 1994	Scott et al.	379	93.31	
134	5,187,732	2/16/93	Suzuki	379	5	
135	5,640,387	6/17/97	Takahashi et al.	370	359	
136	5,751,717	5/12/98	Babu et al.	370	466	
137	5,784,377	7/21/98	Baydar et al.	370	463	
138	5,887,027	3/23/99	Cohen et al.	375	222	
139	5,850,388	12/15/98	Anderson et al.	370	252	
140	5,914,982	6/22/99	Bjarnason et al.	375	222	
141	5,726,765	3/10/98	Yoshida et al.	358	412	
142	5,850,421	12/15/98	Misra et al.	375	354	
143	5,729,226	3/17/98	Betts et al.	341	94	
144	5,862,184	1/19/99	Goldstein et al.	375	295	
145	5,911,115	6/8/99	Nair et al.	455	63	
146	5,838,724	11/17/98	Cole et al.	375	222	
147	5,784,415	7/21/98	Chevillat et al.	375	341	
148	5,844,940	12/1/98	Goodson et al.	375	222	
149	5,386,438	1/31/95	England	375	121	
150	5,881,102	3/9/99	Samson	375	222	
151	5,285,474	2/8/94	Chow et al.	375	13	
152	5,513,216	4/30/96	Gadot et al.	375	233	
153	5,835,532	11/10/98	Stolle et al.	375	233	
154	5,418,842	5/23/95	Cooper	379	98	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	155	WO 98/37657	8/27/98	PCT	H04L		
	156	WO 96/18261	6/13/96	PCT	H04M	11/00	
	157	0 669 740 A2	12/14/94	Europe	H04L	27/00	
	158	0 659 007 A2	11/8/94	Europe	H04M	11/06	
	159	0 473 116 A2	8/27/91	Europe	H04N	1/00	
	160	2 345 019	3/19/76	France	H04L	27/10	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

161	Erup, et al., <i>Interpolation in Digital Modems - Part II: Implementation and Performance</i> , <u>IEEE Transactions on Communications</u> , Vol. 41, No. 6, pp. 998-1008 (June 1993)
162	Fischer, <i>Signal Mapping for PCM Modems</i> , V-pcm Rapporteur Meeting, Sunriver, Oregon, USA, , 5 pgs. (September 4-12, 1997)
163	Gardner, <i>Interpolation in Digital Modems - Part I: Fundamentals</i> , <u>IEEE Transactions on Communications</u> , Vol. 41, No. 3, pp. 501-507 (March 1993)
164	Humblet et al., <i>The Information Driveway</i> , <u>IEEE Communications Magazine</u> , pp. 64-68 (December 1996)
165	Kalet et al., <i>The Capacity of PCM Voiceband Channels</i> , <u>IEEE International Conference on Communications '93</u> , pp. 507-511 (Geneva, Switzerland, May 23-26, 1993)
166	Mueller et al., <i>Timing Recovery in Digital Synchronous Data Receiver</i> , <u>IEEE Transactions on Communications</u> , Vol. Com-24, No. 5, pp. 516-531 (May 1976)

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

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(Use several sheets if necessary)

Applicant: Hwang, et al.

RECEIVED

Filing Date :
October 29, 1999

OCT 31 2000 Group
2731

Technology Center 2600

	167	Okubo et al., <i>Building Block Design of Large Capacity PCM-TDMA Subscriber System and Direct Digital Interface to Digital Exchange</i> , Japan Radio Co., Ltd., pp. 69-73 (Japan)
	168	Pahlavan et al., <i>Nonlinear Quantization and the Design of Coded and Uncoded Signal Constellations</i> , <u>IEEE Transactions on Communications</u> , Vol. 39, No. 8, pp. 1207-1215 (August 1991)
	169	Proakis, <i>Digital Signaling Over a Channel with Intersymbol Interference</i> , <u>Digital Communications</u> , pgs. 373, 381 (McGraw-Hill Book Company, 1983)
	170	Williams et al., <i>Counteracting the Quantisation Noise from PCM Codecs</i> , BT Laboratories, pp. 24-29 (UK)
	171	<i>A Digital Modem and Analogue Modem Pair for Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of Up to 56 000 Bit/s Downstream and 33 600 Bit/s Upstream</i> , <u>ITU-T V.90</u> (September 1998)
	172	<i>Series V: Data Communication Over the Telephone Network; Interfaces and voiceband modems; A modem operating at data signalling rates of up to 33 600 bit/s for use on the general switched telephone network and on leased point-to-point 2-wire telephone type circuits</i> , <u>ITU-T V.34</u> (10/96)
	173	Bell, R.A., et al., <i>Automatic Speed Reduction and Switched Network Back-up</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 32, No. 1, pp. 154-157 (June 1989)
	174	Abbiate, J.C., et al., <i>Variable-Data Transmission Modem</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 17, No. 11, pp. 3301-3302 (April 1975)
	175	<i>Data Communication Over the Telephone Network; Procedures for Starting Sessions of Data Transmission Over the General Switched Telephone Network</i> , <u>ITU-T V.8</u> (09/94)
	176	<i>Line Quality Monitoring Method</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 18, No. 8, pp. 2726-2726 (January 1976)
	177	<i>Loopback Tests for V.54 Data Communication Equipment</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 32, No. 3A, pp. 295-299 (August 1989)
	178	<i>On-Line Real Time Modem Testing</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 20, No. 6, pp. 2252-2254 (November 1977)
	179	Pierobon, Gianfranco L., <i>Codes of Zero Spectral Density at Zero Frequency</i> , <u>IEEE Transactions on Information Theory</u> , Vol. IT-30, No. 2, pp. 435-439 (March, 1984)
	180	Marcus, Brian H., et al., <i>On Codes with Spectral Nulls at Rational Submultiples of the Symbol Frequency</i> , <u>IEEE Transactions on Information Theory</u> , Vol. IT-33, No. 4, pp. 557-568 (July 1987)
	181	Fischer, Robert, et al., <i>Signal Mapping for PCM Modems</i> , <u>ITU-Telecommunications Standardization Sector PCM '97-120, V.pcm Rapporteur Meeting</u> , (Sunriver, Oregon; September 4-12, 1997)
	182	<i>Pulse Code Modulation (PCM) of Voice Frequencies</i> , <u>ITU-T</u> , Recommendation G.711 (Geneva, 1972)
	183	<i>Series G: Digital Transmission Systems; Terminal equipments – Coding of analogue signals by pulse code modulation; Pulse code modulation (PCM) of voice frequencies</i> , <u>ITU-T</u> , Recommendation G.711 (Geneva, 1996)
	184	<i>Data Communication Over the Telephone Network; Error-Correcting Procedures for DCEs Using Asynchronous-to-Synchronous Conversion</i> , <u>ITU-T V.42</u> (03/93)
	185	<i>Improvement to Spectral Shaping Technique</i> , <u>Research Disclosure</u> , V. 41, n415,415111, pp. 1550-1551 (November 1998)
	186	<i>TIA Standard Draft: North American Telephone Network Transmission Model for Evaluating Analog Client to Digitally Connected Server Modems</i> , Telecommunications Industry Association, PN3857, Draft 10 (February 1999)
	187	Davis, Gordon T., <i>DSP and MATLAB implementation of model-based constellation generation</i> (September 18, 1998)
	188	Woodruff, K.R., et al., <i>Automatic and Adaptive System and Efficient Communication in Noisy Communication Line Environments</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 24, No. 9, pp. 4627-4629 (February 1982)

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office			Attorney Docket Number RA9-99-0110/4269-83	Serial No. 09/430,501
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)			RECEIVED Applicant: Hwang, et al. OCT 31 2002 Filing Date : October 29, 1999 Technology Center 2600 Group 100-4269-83	
	189	Godard, D., et al., <i>Decision Feedback Equalizer Stabilization in Adaptive Mode</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 24, No. 11A, pp. 5691-5692 (April 1982)		
	190	Borgnis-Desbordes, P., et al., <i>Variable-Speed Data Transmission</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 27, No. 4A, pp. 2269-2270 (September 1984)		
	191	Coulard, G., et al., <i>Analog Wrap Self-Test in Modems During Retrain Operations</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 28, No. 6, pg. 2457 (November 1985)		
	192	Maddens, F., <i>Sixteen-State Forward Convolutional Encoder</i> , <u>IBM Technical Disclosure Bulletin</u> , vol. 28, No. 6, pp. 2466-2468 (November 1985)		
	193	<i>Remote Modem-Type Self-Learning</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 28, No. 6, pp. 2398-2399 (November 1985)		
	194	Maddens, F., <i>Sixteen-State Feedback Convolutional Encoder</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 28, No. 10, pp. 4212-4213 (March 1986)		
	195	Bell, R. A., et al., <i>Automatic Speed Reduction and Switched Network Back-up</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 32, No. 1, pp. 154-157 (June 1989)		
	196	Nobakht, R.A., <i>Trellis-Coded Modulation Coding Scheme for a 19/2 Kbps Modem</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 36, No. 11, pp. 167-170 (November 1993)		
	197	Nobakht, R.A., <i>Unified Table Based Subset Decoder for the Viterbi Algorithm</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 37, No. 09, pp. 581-587 (September 1994)		
	198	Nobakht, R.A., <i>Trellis Subset Decoder Algorithm Based on a Pattern Recognition Scheme</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 37, No. 10, pp. 693-697 (October 1994)		
	199	Abbate, J.C., et al., <i>Variable-Data Transmission Modem</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 17, No. 11, pp. 3301-3302 (April 1975)		
	200	Barlet, J., et al., <i>Full Speed Recovery in High Speed Modems</i> , <u>IBM Technical Disclosure Bulletin</u> , Vol. 23, No. 2, pp. 641-643 (July 1980)		
	201	Dialog Abstract, <i>Sample rate converter for duplex modem</i> , European Patent No. 285413		
	202	Dialog Abstract, <i>Two-speed full-duplex modem for telephone network</i> , PCT No. WO 8501407		
	203	Dialog Abstract, <i>Digital data transmission system</i> , European Patent No. 124674		
	204	Dialog Abstract, <i>Facsimile communication controller</i> , Japanese Publication No. 04-175060 (June 23, 1992)		
	205	Dialog Abstract, <i>Picture communication equipment</i> , Japanese Publication No. 03-120954 (May 23, 1991)		
	206	Dialog Abstract, <i>Radio date transmission system</i> , Japanese Publication No. 01-179535 (July 17, 1989)		
	207	Dialog Abstract, <i>Facsimile device</i> , Japanese Publication No. 57-164654 (October 9, 1982)		
	208	Dialog Abstract, <i>Data repeater</i> , Japanese Publication No. 57-087255 (May 31, 1982)		
	209	Dialog Abstract, <i>Blinding training method for decision feedback equaliser having feed-forward and feedback filters</i> , European Patent No. 880253		
	210	Dialog Abstract, <i>Processing method for distorted signal received by qam receiver</i> , European Patent No. 465851		
	211	Dialog Abstract, <i>Establishing wireless communication channel</i> , PCT No. WO 9905820		
	212	Dialog Abstract, <i>High-speed rate adaptive subscriber line digital data modem</i> , PCT No. WO 9830001		
	213	Dialog Abstract, <i>Digital modem in digital modulation system</i> , Japanese Patent No. 8116341		
	214	Dialog Abstract, <i>Communication equipment and radio communication adapter</i> , Japanese Publication No. 08-340289 (December 24, 1996)		
	215	Dialog Abstract, <i>Data recording method</i> , Japanese Publication No. 05-089597 (April 9, 1993)		
	216	Dialog Abstract, <i>Transmission control system for data communication and its modem equipment</i> , Japanese Publication No. 02-228853 (September 11, 1990)		

EXAMINER

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DATE CONSIDERED
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Attorney Docket Number RA9-99-0110/4269-83	Serial No. 09/430,501																																																																								
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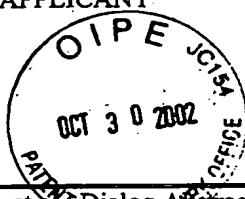
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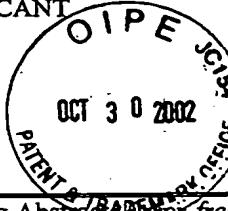
235	Chadwick, H., et al., Dialog Abstract, <i>Performance of a TDMA burst modem through a dual nonlinear satellite channel</i> , <i>Fifth International Conference on Digital Satellite Communications</i> , pp. 63-7 (Italy, March 23-26, 1981)
236	Nussbaumer, H., Dialog Abstract, <i>Reducing the acquisition time in an automatic equalizer</i> , <i>IBM Technical Disclosure Bulletin</i> , Vol. 18, No. 5, pp. 1465-79 (October 1975)
237	Uzunoglu, V., et al., Dialog Abstract, <i>Synchronous and the coherent phase-locked synchronous oscillators: new techniques in synchronization and tracking</i> , <i>IEEE Transactions on Circuits and Systems</i> , Vol. 36, No. 7, pp. 997-1004 (July 1989)
238	Minei, I., et al., Dialog Abstract, <i>High-speed Internet access through unidirectional geostationary satellite channels</i> , <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 17, No. 2, pp. 345-59 (February 1999)
239	Ovadia, S., Dialog Abstract, <i>The effect of interleaver depth and QAM channel frequency offset on the performance of multichannel AM-VSB/256-QAM video lightwave transmission systems</i> , <i>International Conference on Telecommunications: Bridging East and West Through Communications</i> , Vol. 1, pp. 339-43 (Greece, June 21-25, 1998)
240	Johnson, R.W., et al., Dialog Abstract, <i>Error correction coding for serial-tone HG transmission</i> , <i>Seventh International Conference on HF Radio Systems and Techniques</i> , pp. 80-84 (United Kingdom, July 7-10, 1997)
241	Karasawa, Y., et al., Dialog Abstract, <i>Cycle slip in clock recovery on frequency-selective fading channels</i> , <i>IEEE Transactions on Communications</i> , Vol. 45, No. 3, pp. 376-83 (March 1997)
242	Umeshira, M., et al., Dialog Abstract, <i>Design and performance of burst carrier recovery using a phase compensated filter</i> , <i>Transactions of the Institute of Electronics, Information and Communication Engineers</i> , Vol. J78B-II, No. 12, pp. 735-46 (December 1995)
243	De Bot, P., et al., Dialog Abstract, <i>An example of a multi-resolution digital terrestrial TV modem</i> , <i>Proceedings of ICC '93 - IEEE International Conference on Communications</i> , Vol. 3, pp. 1785-90 (Switzerland, May 23-26, 1993)
244	Lei, Chen, et al., Dialog Abstract, <i>Single-tone HF high speed data modem</i> , <i>Proceedings of TENCON '93 - IEEE Region 10 International Conference on Computers, Communications and Automation</i> , Vol. 3, pp. 94-98 (China, October 19-21, 1993)
245	Woerner, B.D., et al., Dialog Abstract, <i>Simulation issues for future wireless modems</i> , <i>IEEE Communications</i> , Vol. 32, No. 7, pp. 42-53 (July 1994)
246	Sato, T., et al., Dialog Abstract, <i>Vehicle terminal equipment with dedicated DSP</i> , <i>Oki Technical Review</i> , Vol. 58, No. 144, pp. 49-52 (July 1992)
247	Sato, T., et al., Dialog Abstract, <i>Protocol configuration and verification of an adaptive error control scheme over analog cellular networks</i> , <i>IEEE Transactions on Vehicular Technology</i> , Vol. 41, No. 1, pp. 69-76 (February 1992)
248	Tamm, Yu.A., Dialog Abstract, <i>The effect of suppressing harmonic interference using an adaptive equalizer</i> , <i>Elektrosvyaz</i> , Vol. 45, No. 3, pp. 5-10 (March 1990)
249	Saleh, A.A.M., et al., Dialog Abstract, <i>An experimental TDMA indoor radio communications system using slow frequency hopping and coding</i> , <i>IEEE Transactions on Communications</i> , Vol. 39, No. 1, pp. 152-62 (January, 1991)
250	Nergis, A., Dialog Abstract, <i>Optimum HF digital communication systems with block coding and interleaving techniques</i> , <i>Proceedings of the 1990 Bilkent International Conference on New Trends in Communication, Control and Signal Processing</i> , Vol. 1, pp. 511-17 (Turkey, July 2-5, 1990)
251	Kawamata, F., et al., Dialog Abstract, <i>An evaluation of voice codecs and facsimiles</i> , <i>Review of the Communications Research Laboratory</i> , Vol. 36, pp. 69-73 (March 1990)

EXAMINER

*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

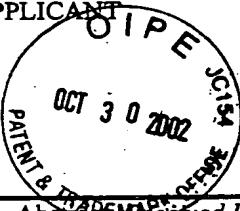
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			Applicant: Hwang, et al.	OCT 31 2002
			Filing Date : October 29, 1999	Technology Center 2001 2731
				
252	Sato, T., et al., Dialog Abstract, <u>Layer-free high-speed data transmission protocol simultaneously applicable to both wire and mobile radio channels</u> , <u>38th IEEE Vehicular Technology Conference: 'Telecommunications Freedom—Technology on the Move'</u> , pp. 489-96 (June 15-17, 1988)			
253	Dialog Abstract, <u>1200-bit/s cellular modem DLD03H</u> , <u>Oki Technical Review</u> , Vol. 53, No. 127, pp. 70-72 (July 1987)			
254	Chamberlin, J.W., et al., Dialog Abstract, <u>Design and field test of a 256-QAM DIV modem</u> , <u>IEEE Journal on Selected Areas in Communications</u> , Vol. SAC-5, No. 3, pp. 349-56 (April 1987)			
255	De Cristofaro, R., et al., Dialog Abstract, <u>A 120 Bv/s QPSK modem designed for the INTELSAT TDMA network</u> , <u>International Journal of Satellite Communications</u> , Vol. 3, Nos. 1-2, pp. 145-60 (January-June, 1985)			
256	Shumate, A., Dialog Abstract, <u>Error correction coding for channels subject to occasional losses of bit count integrity</u> , <u>IEEE Military Communications Conference</u> , Vol. 1, pp. 89-83 (October 21-24, 1984)			
257	Suyderhoud, H., et al., Dialog Abstract, <u>Investigation of 9.6 kb/s data transmission via a PCM link at 64 kb/s with and without link errors</u> , <u>International Journal of Satellite Communications</u> , Vol. 2, No. 1, pp. 81-87 (January-March, 1984)			
258	Smith, C., Dialog Abstract, <u>Relating the performance of speech processors to the bit error rate</u> , <u>Speech Technology</u> , Vol. 2, No. 1, pp. 41-53 (September-October 1983)			
259	Suyderhoud, H., et al., Dialog Abstract, <u>Investigation of 9.6-kbit/s data transmission via a PCM link at 64 kbit/s with and without link errors</u> , <u>Sixth International Conference on Digital Satellite Communications Proceedings</u> , pp. 26-33 (September 19, 23, 1983)			
260	Kittel, L., Dialog Abstract, <u>Analogue and discrete channel models for signal transmission in mobile radio</u> , <u>Frequenz</u> , Vol. 36, Nos. 4-5, pp. 153-60 (April-May 1982)			
261	Farrell, P.G., et al., Dialog Abstract, <u>Soft-decision error control of h.f. data transmission</u> , <u>IEE Proceedings F (Communications, Radar and Signal Processing)</u> , Vol. 127, No. 5, pp. 389-400 (October 1980)			
262	Johnson, A.L., Dialog Abstract, <u>Simulation and implementation of a modulation system for overcoming ionospheric scintillation fading</u> , <u>AGARD Conference Proceedings No. 173 on Radio Systems and the Ionosphere</u> , pp. 3/1-5 (Greece, May 26-30, 1975)			
263	Matsumura, K., et al., Dialog Abstract, <u>Anti-interference data-transmission set of HF radio equipment</u> , <u>Mitsubishi Electric Engineer</u> , No. 41, pp. 18-23 (September, 1974)			
264	Blank, H.A., et al., Dialog Abstract, <u>A Markov error channel model</u> , <u>1973 National Telecommunications Conference</u> , Vol. 1, pp. 15B/1-8 (November 26-28, 1973)			
265	McGruther, W.G., Dialog Abstract, <u>Long term error performance data for operation at 2400 bps on a nonswitched private line network</u> , <u>Summaries of papers presented at 1970 Canadian symposium on communications</u> , pp. 65-6 (Canada, November 12-13, 1970)			
266	Burton, H.O., et al., Dialog Abstract, <u>On the use of error statistics from data transmission on telephone facilities to estimate performance of forward-error-correction</u> , <u>1970 international conference on communications</u> , p. 21 (June 8-10, 1970)			
267	Bowen, R.R., Dialog Abstract, <u>Application on burst error correction codes to data modems for dispersive channels</u> , <u>Proceedings of the 1970 international symposium on information theory</u> , p. 1 (Netherlands, June 15-19, 1970)			
268	Pierce, A.W., et al., Dialog Abstract, <u>Effective application of forward-acting error-control coding to multichannel h.f. data modems</u> , <u>IEEE Transactions on Communication Technology</u> , Vol. Com-18, No. 4, pp. 281-94 (August 1970)			
269	West, R.L., Abstract, <u>Data Concentration Method</u> , <u>IBM Technical Disclosure Bulletin</u> , pp. 487-489; http://w3.infogate.ibm.com:1207/SESS506884/GETDOC/39/2/1 (July, 1975)			

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LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		RECEIVED OCT 31 2002 Group Technology Center 2600 2731	
 <p>270 Haas, L.C., et al., Abstract, <i>Received Line Signal Quality Analysis</i>, IBM Technical Disclosure Bulletin, pp. 5414-5416; http://w3.infogate.ibm.com:1207/SESS506884/GETDOC/43/1/1 (May, 1981)</p> <p>271 Nussbaumer, H., Abstract, <i>Reducing the Acquisition Time in an Automatic Equalizer</i>, IBM Technical Disclosure Bulletin, pp. 1465-1479; http://w3.infogate.ibm.com:1207/SESS506884/GETDOC/40/2/1 (October 1975)</p> <p>272 Dialog Abstract, <i>Listener echo canceller for digital communication system</i>, PCT No. WO 9310607</p> <p>273 Dialog Abstract, <i>Reduced time remote access method for modem computer</i>, PCT No. WO 9209165</p>			

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Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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RAL9-99-0110/4269-83/TJO:vp
June 28, 2000

Assistant Commissioner for Patents
Washington, DC 20231

Sir: Kindly acknowledge receipt of the accompanying by placing your
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INFORMATION DISCLOSURE STATEMENT (W/273 REF.)

Respectfully,
MYERS BIGEL SIBLEY & SAJOVEC
Attorneys for Applicant

